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COMBINED DECLARATION AND POWER OF ATTORNEY FOR PATENT AND DESIGN APPLICATIONS

As a below named inventor, I hereby declare that: my residence, post office address and citizenship are as stated next to my name; that I verily believe that I am the original, first and sole inventor (if only one inventor is named below) or an original, first and joint inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

nsert Title:	MOLECULAR BEAM APPARATUS							
ill in Appropriate	the specification of which		nereto. If not attached	hereto, the application	on is identified by the	attorney docket	number as set	
	forth above and/or the			•				
nformation -	The specification w			:			as	
or Use Without	United States App and amended on _		er		(if applicable) and/or			
ipecification Attached:	the specification was filed on April 23, 2003					as PCT		
nsert Priority nformation: if appropriate)	International Appl			PCT/JP03/05	CT/JP03/05145 ; and was			
	amended on			(if ap	plicable)			
	I hereby state that I have reviewed and understand the amended by any amendment referred to above. I acknowledge the duty to disclose information which Regulations, §1.56. I do not know and do not believe the same was ever keep thereof, or patented or described in any printed publication, year prior to this application, that the same was not in purports of this application in the invention has not been purported to the supplication in any country foreign to the I representative or assigns more than twelve months (six may patent or inventor's certificate on this invention has been for inventor's creatificate on this invention has been for inventor's creatificate on this invention has been for inventor's certificate insted below and have also identified a filing date before that of the application on which priority Prior Foreign Application(s) 2002-120091 [Number] [Country]		nown or used in the United States of American in any country before my or our inventibilic use or on sale in the United States of attented or made the subject of an inventor United States of America on an application on the subject of the United States of Edward on the United States of States of the United States of States of the United States Code, §119(a)-(d) of any for the United States Code, §119(a)-(d) of any for the United States Code, §119(a)-(d) of any for the United States Code, §119(a)-(d) of any foreign application for patent of		in Title 37, Code of Federal rica before my or our invention thion thereof or more than one f America more than one year r's certificate issued before the tion filed by me or my legal on, and that no application for States of America prior to this			
	(Number)	(Country)	'	(Month/Day	/Year Filed)	Yes	No —	
	(N. 1.)	<u> </u>	· · · · · · · · · · · · · · · · · · ·	(Month/Day	/Vose Filed)	Yes	□ No	
	(Number) (Country) (Month/Day/Year Filed) Yes No Thereby claim the benefit under Title 35, United States Code, \$119(e) of any United States provisional applications(s) listed bel							
nsert Provisional Application(s): if any)	(Application Number)			(Filing Date)				
	(Application Number)			(Filing Date)				
	All Foreign Applications, if any, for any Patent or Inventor's Certificate Filed More than 12 Months (6 Months for Designs) Prior to the Filing Date of This Application:							
	Country Application Num			per	Date of Filing (Mont	h/Day/Year)		
nsert Requested Information: if appropriate)								
	I hereby claim the benefit under Title 35, United States Code, §120 of any United States and/or PCT application(s), including for continuation-in-part application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States and/or PCT application in the manner provided by the first paragraph of Title 35. United States Code, §112, I acknowledge the duty to disclose information which is material to the patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.							
Insert Prior U.S. Application(s): (if any)	(Application Number)		(Filing Date)		(Status - patented, p	ending, abandor	ned)	
Page 1 of 2 (Rev. 05/2004)	(Application Number)		(Filing Date)		(Status - patented, p	ending, abandor	ned)	

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0234-0478PUS1
Attorney Docket No.

I hereby appoint the practitioners at CUSTOMER NO. 02292 as my attorneys or agents to prosecute this application and/or an international application based on this application and to transact all business in the United States Patent and Trademark Office connected therewith and in connection with the resulting patent based on instructions received from the entity who first sent the application papers to the practitioners, unless the inventor(s) or assignee provides said practitioners with a written notice to the contrary: Send Correspondence to: CUSTOMER NO. 02292 (B) RCH, STEWART, KOLASCH & BIRCH, LLP) Telephone: (703) 205 8000 Facsimile: (703) 205-8050 PLEASE NOTE: YOU MUST I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon. COMPLETE THE FOLLOWING: (Month/Day/Year) Full Name of First or Sole Inventor: Insert Name of GIVEN NAME/FAMILY NAME Toshiyuki Jenjimoto 10/13/2004 restor 1 Date This cument is: Toshiyuki FUJIMOTO CITIZENSHIP Residence (City, State & Country) Japan Tsukuba-shi, Ibaraki-ken, Japan MAILING ADDRESS (Complete Street Address including City, State & Country)
c/o National Institute of Advanced Industrial Science and Technology, Tsukuba Central 2, 1-1, Umezono 1-chome, Tsukuba-shi, Ibaraki-ken, INVENTORSSIGNATURE GIVEN NAME/FAMILY NAME Shingo ICHIMURA Chinera 10/14/2004 CITIZENSHIP Residence (City, State & Country) Japan Tsukuba-shi, Ibaraki-ken, Japan MAILING ADDRESS (Complete Street Address including City, State & Country) c/o National Institute of Advanced Industrial Science and Technology, Tsukuba Central 2, 1-1, Umezono 1-chome, Ibaraki-ken, Tsukuba-shi, GIVEN NAME/FAMILY NAME **INVENTOR'S SIGNATURE** Hidehiko NONAKA 10/14/2004 Me CITIZENSHIP Residence (City, State & Country) Tsukuba-shi, Ibaraki-ken, Japan Japan MAILING ADDRESS (Complete Street Address including City, State & Country) c/o National Institute of Advanced Industrial Science and Technology, Tsukuba Central 2, 1-1, Umezono 1-chome, Tsukuba-shi, Ibaraki-ken, Japan GIVEN NAME/FAMILY NAME Akira KUROKAWA INVENTORSSIGNATURE DATE' IKana Ku 10/14/2004 Residence (City, State & Country) CITIZENSHIP Tsukuba-shi, Ibaraki-ken, Japan Japan MAILING ADDRESS (Complete Street Address including City, State & Country)
c/o National Institute of Advanced Industrial Science
Tsukuba Central 2, 1-1, Umezono 1-chome, Tsukuba-shi, and Technology, Ibaraki-ken, Japan **INVENTOR'S SIGNATURE** DATE GIVEN NAME/FAMILY NAME CITIZENSHIP Residence (City, State & Country) MAILING ADDRESS (Complete Street Address including City, State & Country) DATE full Name of Sixth GIVEN NAME/FAMILY NAME **INVENTOR'S SIGNATURE** Inventor, if any CITIZENSHIP Residence (City, State & Country) MAILING ADDRESS (Complete Street Address including City, State & Country)

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*DATE OF SIGNATURE